

## Bennett, John

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**From:** Fout, Shay  
**Sent:** Monday, January 04, 2016 11:08 AM  
**To:** Fout, Shay  
**Subject:** Fw: Proposal

----- Forwarded by Shay Fout/CI/USEPA/US on 01/04/2016 11:08 AM -----

From: Shay Fout/CI/USEPA/US  
To: "Li, Charles" <cli@EMSL.com>,  
Date: 04/12/2012 06:12 PM  
Subject: RE: Proposal

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Thanks. This helps greatly.

G. Shay Fout, Ph.D.  
Research Microbiologist  
Microbiological and Chemical Exposure  
Assessment Research Division (MS-593)  
National Exposure Research Laboratory  
Office of Research and Development  
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26 W. Martin Luther King Jr. Drive  
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▼ "Li, Charles" ---04/12/2012 05:53:25 PM---EPA1615 RT-PCR Kits Size: 30 runs

From: "Li, Charles" <cli@EMSL.com>  
To: Shay Fout/CI/USEPA/US@EPA  
Date: 04/12/2012 05:53 PM  
Subject: RE: Proposal

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### **EPA1615 RT-PCR Kits**

Size: 30 runs

Reverse Transcription Reagents (RT-Mix)

qPCR Reagents (qPCR Mix)

qPCR Primers and Probe mixes

A RT-PCR kit will be produced in this study in order to simplify the RT-PCR test described in EPA1615. All original EPA1615 reagents and descriptions will be followed. The final assembled kits will be validated for its performance using enterovirus standards and armored RNA for norovirus and Hepatitis G virus. All tests will be performed minimum three times. The sensitivity, specificity, reproducibility and kit stability will be documented and passed QC and QA before releasing to test labs.

Timeframe: 3-6 months

Test Labs: 2-3 independent labs, 3 runs for each virus

**Charles Li, Ph.D.** | *Director of PCR and DNA Analysis Laboratory*

**EMSL Analytical, Inc.** | 200 Route 130 North | Cinnaminson, NJ 08077

Phone: 856-303-2554 | Fax: 856-786-0262 | Toll Free: 800-220-3675

Lab Hours: Mon-Friday 7AM-10PM, Saturday 8AM-5PM, Sunday On-Call

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**From:** Shay Fout [<mailto:Fout.Shay@epamail.epa.gov>]

**Sent:** Thursday, April 12, 2012 5:31 PM

**To:** Li, Charles

**Subject:** Proposal

Charlie,

Can both the RT and qPCR portions of Method 1615 be put in kit format, or only the PCR portion. Could you send me a couple of sentences describing the approach you would take and a timeline for how long it would take. I would assume that we would do some testing here as part of the project in conjunction with your internal testing. Please let me know if you agree and if so, how many replicates would need to be jointly tested? Thanks,  
Shay

G. Shay Fout, Ph.D.  
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